

a first receiver configured to receive a type signal from the telephone terminal at the first speed; and

a second transmitter configured to transmit a speed change request to the telephone terminal and change a transmission speed to a second speed if the received type signal indicates that the telephone terminal is capable of transmitting data at the second speed.

5. (AMENDED)

A key telephone system comprising a telephone terminal and a main unit which connects the telephone terminal to a telephone network, and includes a telephone interface unit connected to the telephone terminal, a network interface unit connected to a telephone network, and a connection line connecting the telephone interface unit and the network interface unit, wherein

said telephone interface unit comprising:

a first transmitter configured to transmit a type query signal to the telephone terminal at a first speed;

a first receiver configured to receive a type signal from the telephone terminal at the first speed; and

a second transmitter configured to transmit a speed change request to the telephone terminal and change a transmission speed to a second speed if the received type signal indicates that the telephone terminal is capable of transmitting data at the second speed, and

said telephone terminal comprising:

*AD*  
*C1*

a first transmitter configured to transmit the type signal to the interface unit at the first speed in response to the type query signal; and

a first receiver configured to receive the speed change request transmitted from said second transmitter and to change a transmission speed to the second speed in response to the receiver speed change request.

*Sub C7*

10. (AMENDED) An interface unit for a telephone system comprising a

telephone terminal and a main unit which connects the telephone terminal to a telephone network and includes the interface unit capable of being connecting to the telephone terminal, the telephone terminal being capable of operating at one of a first speed and a second speed which is faster than the first speed, the interface unit comprising:

*AB*

a transmitter configured to transmit data to the telephone terminal at one of the first speed and the second speed;

a receiver configured to receive data from the telephone terminal at one of the first speed and the second speed;

a detector configured to detect whether or not the telephone terminal is capable of transmitting and receiving data at the second speed; and

a mode setting device configured to set an operation speed of said transmitter and said receiver to an optimum speed based on the detection result of said detector.

*Sub C7*  
*AT*

12. (AMENDED) A main unit connecting a telephone terminal to a telephone network, comprising: